

## In the Description

Please change, on page 1, in line 1, the word "TYRE" to --TIRE-- .

Please change, on page 1, in line 4, the word "tyres" to --tires--.

Please change, on page 1, in line 5, the word "tyre" to --tire--.

Please change, on page 1, in line 6, the word "tyre" to --tire--.

Please change, on page 1, in line 8, the word "tyres" to --tires--.

Please change, on page 1, in line 11, the word "tyre" to --tire--.

Please change, on page 1, in line 12, the word "tyre" to --tire--.

Please change, on page 1, in line 13, the word "tyre's" to --tire's--.

Please change, on page 1, in line 14, the word "tyre" to --tire--.

Please change, on page 1, in line 15, the word "tyre" to --tire--.

Please change, on page 1, in line 16, the word "tyre" to --tire--.

Please change, on page 1, in line 17, the word "tyre" to --tire--.

Please change, on page 1, in line 18, the word "tyre" to --tire--.

Please change, on page 1, in line 22, the word "tyre" to --tire--.

Please change, on page 1, in line 14, the words "of a tyre and providing a tyre" to --of a tire and providing a tire--.

Please change, on page 2, in line 3, the word "tyre" to --tire--.

Please change, on page 2, in line 5, the words "the tyre pressure sensor" to --the tire pressure sensor--.

Please change, on page 2, in line 5, the words "to measure the tyre" to --to measure the tire--.

Please change, on page 2, in line 6, the word "tyre" to --tire--.

Please change, on page 2, in line 9, the word "tyre" to --tire--.

Please change, on page 2, in line 11, the word "tyre" to --tire--.

Please change, on page 2, in line 13, the word "tyre" to --tire--.

Please change, on page 2, in line 14, the word "tyre" to --tire--.

Please change, on page 2, in line 16, the word "tyre" to --tire--.

Please change, on page 2, in line 23, the word "tyre" to --tire--.

Please change, on page 3, in line 8, the word "tyre" to --tire--.

Please change, on page 4, in line 2, the word "tyre" to --tire--.

Please change, on page 4, in line 4, the word "tyre" to --tire--.

Please change, on page 4, in line 7, the word "tyre" to --tire--.

Please change, on page 4, in line 8, the word "tyre" to --tire--.

Please change, on page 4, in line 10, the word "tyre" to --tire--.

Please change, on page 4, in line 11, the word "tyre" to --tire--.

Please change, on page 4, in line 14, the word "tyre" to --tire--.

Please change, on page 4, in line 16, the word "tyres" to --tires--.

Please change, on page 4, in line 20, the words "tyre pressure" to --tire pressure--.

Please change, on page 4, in line 20, the word "remote tyre" to --remote tire--.

Please change, on page 4, in line 21, the word "tyres" to --tires--.

Please change, on page 4, in line 22, the word "tyre" to --tire--.

Please change, on page 5, in line 2, the word "tyre" to --tire--.

Please change, on page 5, in line 4, the word "tyres" to --tires--.

Please change, on page 5, in line 7, the word "tyre" to --tire--.

Please change, on page 5, in line 13, the word "tyre" to --tire--.

Please change, on page 5, in line 13, the word "tyres" to --tires--.

Please change, on page 5, in line 15, the word "tyre" to --tire--.

Please change, on page 5, in line 20, the word "tyres" to --tires--.

Please change, on page 5, in line 23, the word "tyre" to --tire--.

Please change, on page 6, in line 1, the words "remote tyre" to --remote tire--.

Please change, on page 6, in line 1, the words "tyre sensors" to --tire sensors--.

Please change, on page 6, in line 7, the word "tyre" to --tire--.

Please change, on page 6, in line 8, the word "tyre" to --tire--.

Please change, on page 6, in line 9, the word "tyres" to --tires--.

Please change, on page 6, in line 10, the words "the tyre" to --the tire--.

Please change, on page 6, in line 10, the words "on tyre" to --on tire--.

Please change, on page 6, in line 11, the word "tyre" to --tire--.

Please change, on page 7, in line 6, the word "tyre" to --tire--.

Please change, on page 7, in line 14, the words "a tyre" to --a tire--.

Please change, on page 7, in line 14, the words "the tyre" to --the tire--.

Please change, on page 7, in line 17, the word "tyre" to --tire--.

Please change, on page 7, in line 18, the word "tyre" to --tire--.

Please change, on page 7, in line 20, the word "tyre" to --tire--.

Please change, on page 7, in line 22, the word "tyre" to --tire--.

Please change, on page 7, in line 24, the word "tyre" to --tire--.

Please change, on page 7, in line 17, the word "tyre" to --tire--.

Please change, on page 8, in line 3, the word "tyre" to --tire--.

Please change, on page 8, in line 5, the word "tyre" to --tire--.

Please change, on page 8, in line 7, the word "tyre" to --tire--.

Please change, on page 8, in line 11, the word "tyre" to --tire--.

Please change, on page 8, in line 12, the word "tyres" to --tires--.

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Please change, on page 8, in line 16, the word "tyre" to --tire--.

Please change, on page 8, in line 20, the word "tyre" to --tire--.

Please change, on page 8, in line 21, the word "tyres" to --tires--.

Please change, on page 8, in line 24, the word "tyres" to --tires--.

Please change, on page 9, in line 2, the word "tyres" to --tires--.

Please change, on page 9, in line 4, the word "tyres" to --tires--.

Please change, on page 9, in line 6, the word "tyre" to --tire--.

Please change, on page 9, in line 13, the word "tyre" to --tire--.

Please change, on page 9, in line 17, the word "tyre" to --tire--.

Please change, on page 9, in line 20, the word "tyre" to --tire--.

Please change, on page 10, in line 6, the words "tyre - the tyre" to --tire - the tire--.

Please change, on page 10, in line 16, the word "tyre" to --tire--.

Please change, on page 11, in line 8, the word "tyre" to --tire--.

Please change, on page 11, in line 16, the word "tyre" to --tire--.

Please change, on page 12, in line 6, the word "tyre" to --tire--.

Please change, on page 12, in line 7, the word "tyre" to --tire--.

Please change, on page 12, in line 8, the word "tyre" to --tire--.

Please change, on page 12, in line 10, the word "tyre" to --tire--.

Please change, on page 18, in line 6, the word "tyre" to --tire--.



## ABSTRACT

### A Remote Tire Pressure Monitoring System

The present invention provides a battery-powered tire pressure sensor including a pressure transducer (10) for sensing a pressure of a tire and providing a tire pressure signal. The tire pressure sensor is arranged to transmit the signal containing information about the tire pressure of an associated vehicle tire to a cab unit (1) via a transmitter (13) where it is displayed to a driver of the vehicle. The pressure sensor monitors the pressure of the tire and provides the vehicle driver with early warning of any deflation, thereby improving safety as well as reducing tire wear and improving fuel economy. A timer (19) is included to turn the tire pressure sensor off when it is not in use to conserve battery power.

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